

This Page Is Inserted by IFW Operations
and is not a part of the Official Record

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

IMAGES ARE BEST AVAILABLE COPY.

**As rescanning documents *will not* correct images,
please do not report the images to the
Image Problem Mailbox.**

REMARKS

After amending the claims as set forth above, claims 1-16, and 18-20 are now pending in this application.

Applicant notes that substantial search covering compounds specified in the present method claims is believed to have been performed in connection with U.S. Patent 6,071,970 and that such search can reduce the search burden for the present case.

Applicant believes that the present application is now in condition for allowance. Favorable consideration of the application as amended is respectfully requested.

The Examiner is invited to contact the undersigned by telephone if it is felt that a telephone interview would advance the prosecution of the present application.

Applicant hereby requests a one-month extension of time for response. A check for that extension is attached. No additional fee is believed due in connection with this communication. However, if any additional fee is due or if the amount submitted is incorrect, kindly charge or credit the appropriate amount to Deposit Account 50-0872.

Respectfully submitted,

Date 18 September 2002

By Wesley B. Ames

FOLEY & LARDNER
Customer Number: 23620
23620
23620

Wesley B. Ames
Attorney for Applicant
Registration No. 40,893

PATENT TRADEMARK OFFICE
Telephone: (858) 847-6714
Facsimile: (858) 792-6773

**MARKED UP VERSIONS OF AMENDED PARAGRAPHS SHOWING CHANGES
MADE**

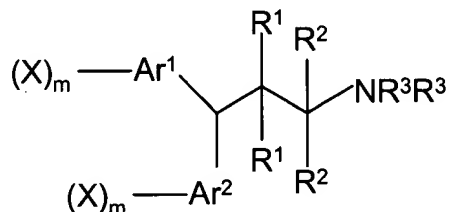
Page 7, lines 19-22:

each R^3 is independently selected from the group consisting of -H, alkyl, 2-hydroxyethyl, and alkylphenyl; preferably, each R^3 is independently either -H or -CH₃; more preferably one R^3 is -H, and the other R^3 is either -H or [-CH] -CH₃; and

MARKED UP VERSIONS OF AMENDED CLAIMS SHOWING CHANGES MADE

Below are the marked up amended claim(s):

3. (Amended) A method of treating a patient for depression comprising the step of administering to said patient an effective amount of a compound having the chemical structure:



wherein each X is independently selected from the group consisting of -Br, -Cl, -F, -I, -CF₃, alkyl, -OH, -OCF₃, -O-alkyl, and -O-acyl;

Ar¹ and Ar² are each independently selected from the group consisting of phenyl, naphthyl, thiofuranyl, tetrahydronaphthyl, furanyl, tetrahydrofuranyl, pyridyl, quinoliny, isoquinoliny, tetrahydroquinoliny, tetrahydroisoquinoliny, cyclohexyl, cycloheptyl, and cyclopentyl;

each R¹ is independently selected from the group consisting of -H, alkyl, hydroxyalkyl, -OH, -O-alkyl, and -O-acyl;

each R² is independently selected from the group consisting of -H, alkyl, and hydroxyalkyl, or both R²'s together are imino;

each R³ is independently selected from the group consisting of -H, alkyl, 2-hydroxyethyl, and alkylphenyl; and

each m is independently an integer from 0 to 5;

provided that if both R₃'s are -CH₃, then both X_m's are not 3-F, 4-F, 3-CF₃, 4-Cl, and if both R₃'s are -CH₃ and one X_m is 4-F then the other X_m is not 4-Cl; further provided that if one

R_3 is -H and the other R_3 is -CH₃ then both X_m 's are not 4-Cl, and if one R_3 is -H and the other R_3 is -CH₃ then at least one m is 1;

or a pharmaceutically acceptable salt thereof.

4. (Amended) The method of claim 3 wherein for said compound each X is independently either -F, -Cl, -OCF₃ or -CF₃;

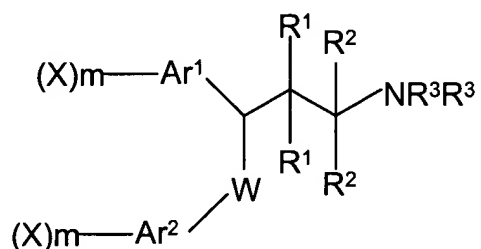
each R^1 is -H;

each R^2 is -H;

one R^3 is -H, and the other R^3 is either -H or [-CH] -CH₃; and

each m is 1.

7. (Amended) A method of treating a patient for depression comprising the step of administering to said patient an effective amount of a compound having the chemical structure:



wherein each X is independently selected from the group consisting of -Br, -Cl, -F, -I, -CF₃, alkyl, -OH, -OCF₃, -O-alkyl, and -O-acyl;

W is selected from the group consisting of -CH₂, -O-, and -S-;

Ar^1 and Ar^2 are each independently selected from the group consisting of phenyl, naphthyl, thiofuranyl, tetrahydronaphthyl, furanyl, tetrahydrofuranyl, pyridyl, quinoliny, isoquinoliny, tetrahydroquinoliny, tetrahydroisoquinoliny, cyclohexyl, cycloheptyl, and cyclopentyl;

each R^1 is independently selected from the group consisting of -H, alkyl, hydroxyalkyl, -OH, -O-alkyl, and -O-acyl;

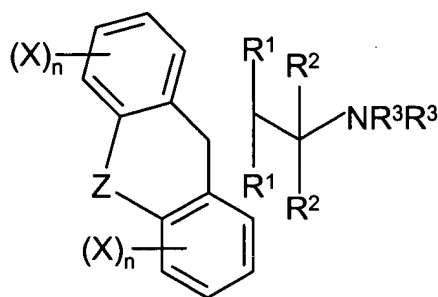
each R^2 is independently selected from the group consisting of -H, alkyl, and hydroxyalkyl, or both R^2 's together are imino;

each R^3 is independently selected from the group consisting of -H, alkyl, 2-hydroxyethyl, and alkylphenyl; and

m is 0 to 5;

or a pharmaceutically acceptable salt thereof.

11. (Amended) A method of treating a patient for depression comprising the step of administering to said patient an effective amount of a compound having the chemical structure:



wherein each X is independently selected from the group consisting of -Br, -Cl, -F, -I, -CF₃, alkyl, -OH, -OCF₃,

-O-alkyl, and -O-acyl;

each R^1 is independently selected from the group consisting of -H, alkyl, hydroxyalkyl, -OH, -O-alkyl, and -O-acyl;

each R^2 is independently selected from the group consisting of -H, alkyl, and hydroxyalkyl, or both R^2 's together are imino;

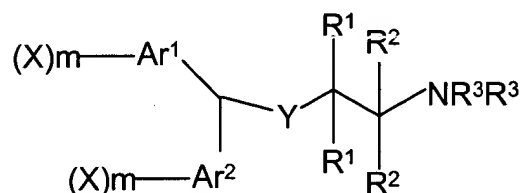
each R^3 is independently selected from the group consisting of -H, alkyl, 2-hydroxyethyl, and alkylphenyl;

Z is either -CH₂CH₂-, -CH₂CH(CH₃)-, -CH=CH-, -O-CH₂-, -S-CH₂-, -CH₂-, -O-, or -S-;
and

each n is independently 1 to 4; or a pharmaceutically acceptable salt thereof.

14. (Amended) The method of claim 13 wherein X^1 is -F, -Cl, -OCF₃ or -CF₃; and X^2 is either [either] -F, -Cl, -OCH₃, -CH₃, -OCF₃ or -CF₃.

15. (Amended) A method of treating a patient for depression comprising the step of administering to said patient an effective amount of a compound having the chemical structure:



wherein each X is independently selected from the group consisting of -Br, -Cl, -F, -I, -CF₃, alkyl, -OH, -OCF₃,

-O-alkyl, and -O-acyl; ; preferably, each X is independently either -F, -Cl, -OCF₃ or -CF₃;

Ar¹ and Ar² are each independently selected from the group consisting of phenyl, naphthyl, thiofuranyl, tetrahydronaphthyl, furanyl, tetrahydrofuranyl, pyridyl, quinoliny, isoquinoliny, tetrahydroquinoliny, tetrahydroisoquinoliny, cyclohexyl, cycloheptyl, and cyclopentyl; preferably Ar¹ and Ar² are independently naphthyl or phenyl; more preferably at least one of Ar¹ and Ar² is phenyl; and more preferably, both Ar¹ and Ar² are phenyl;

Y is either -CH₂-, -O-, or -S-;

each R¹ is independently selected from the group consisting of -H, alkyl, hydroxyalkyl, -OH, -O-alkyl, and -O-acyl; preferably, each R¹ is -H;

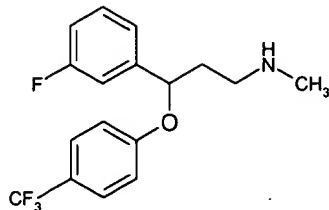
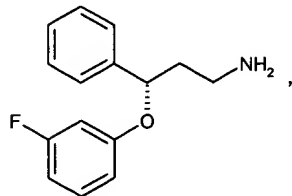
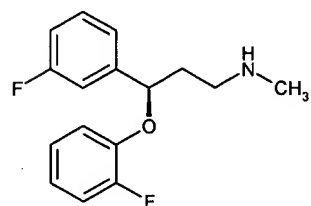
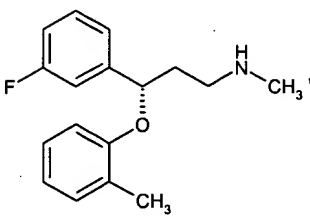
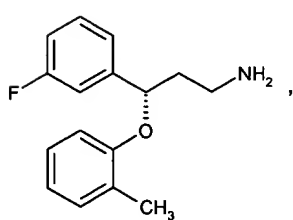
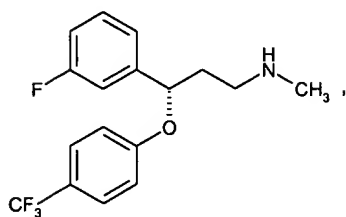
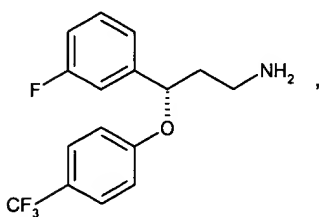
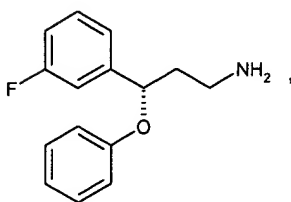
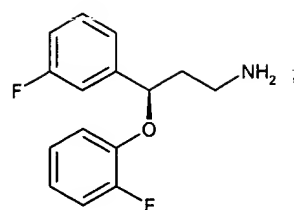
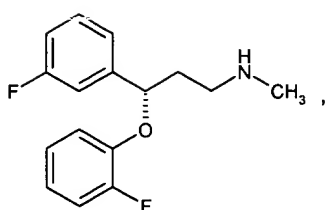
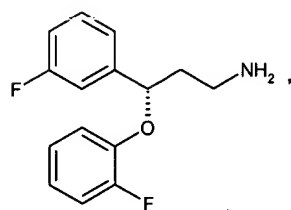
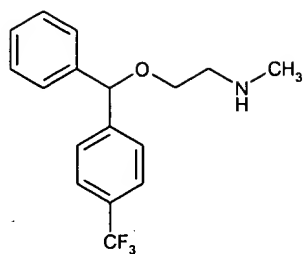
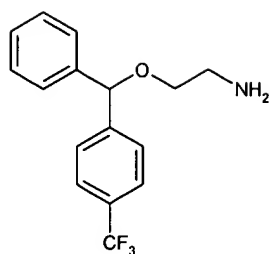
each R² is independently selected from the group consisting of -H, alkyl, and hydroxyalkyl, or both R²'s together are imino; preferably each R² is -H;

each R³ is independently selected from the group consisting of -H, alkyl, 2-hydroxyethyl, and alkylphenyl; preferably, each R³ is independently either -H or -CH₃; more preferably one R³ is

-H, and the other R³ is either -H or -CH₃; and

each m is independently an integer from 0 to 5; and preferably, each m is independently 0 or 1.

18. (Amended) A method of treating a patient for depression comprising the step of administering to said patient an effective amount of a compound having the chemical structure:



or a pharmaceutically acceptable salt thereof.